

Table CT1. Energy Consumption Estimates for Major Energy Sources in Physical Units, Selected Years, 1960-2013, Rhode Island

Year	Coal	Natural Gas ^a	Petroleum							Nuclear Electric Power	Hydro-electric Power ^f	Fuel Ethanol ^g
			Distillate Fuel Oil	Jet Fuel ^b	LPG ^c	Motor Gasoline ^d	Residual Fuel Oil	Other ^e	Total			
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels							Million Kilowatthours	Thousand Barrels	
1960	598	12	8,106	38	207	5,975	9,827	2,016	26,170	0	9	NA
1965	419	16	6,879	49	223	6,492	6,276	2,081	22,000	0	2	NA
1970	10	25	8,631	137	375	8,009	9,727	1,868	28,746	0	3	NA
1971	9	26	9,073	125	363	8,220	10,100	1,988	29,870	0	1	NA
1972	7	22	9,301	174	428	8,604	9,744	1,683	29,935	0	6	NA
1973	7	21	8,881	175	449	8,625	8,440	2,101	28,672	0	5	NA
1974	40	24	8,288	165	408	8,719	6,381	1,801	25,762	0	4	NA
1975	7	23	8,003	271	498	8,972	4,389	1,944	24,076	0	3	NA
1976	6	21	8,633	241	549	8,813	4,478	1,973	24,688	0	3	NA
1977	5	26	8,401	209	600	9,207	4,738	2,011	25,166	0	4	NA
1978	5	23	7,887	260	518	9,098	3,671	1,909	23,343	0	4	NA
1979	5	27	7,237	312	317	8,873	2,178	1,651	20,567	0	3	NA
1980	7	28	5,032	348	293	8,416	2,525	1,671	18,287	0	1	NA
1981	8	29	3,983	303	278	8,519	2,204	1,222	16,508	0	(s)	1
1982	8	28	3,972	281	328	8,415	1,649	1,491	16,135	0	3	(s)
1983	7	29	4,706	329	330	8,299	1,465	1,435	16,564	0	3	0
1984	9	32	5,448	571	314	8,562	1,690	1,631	18,217	0	2	0
1985	9	30	4,940	498	501	8,665	2,232	3,275	20,111	0	0	0
1986	28	26	5,771	387	585	8,938	3,771	1,870	21,323	0	0	0
1987	5	36	6,748	528	669	9,140	2,318	2,136	21,539	0	0	0
1988	175	31	6,644	636	564	9,277	3,042	2,092	22,255	0	0	0
1989	27	34	6,373	724	502	8,874	1,692	1,903	20,068	0	5	0
1990	5	39	5,285	776	501	8,765	1,424	1,923	18,674	0	10	0
1991	4	76	5,739	656	466	8,681	1,093	677	17,311	0	10	0
1992	5	116	5,996	556	456	8,756	1,192	1,720	18,676	0	10	0
1993	3	74	5,745	527	513	8,883	1,303	1,017	17,989	0	9	0
1994	3	109	6,471	529	501	8,630	1,163	1,463	18,757	0	9	0
1995	3	101	5,839	500	461	8,927	936	1,220	17,882	0	9	0
1996	3	120	6,008	540	536	9,006	984	573	17,647	0	10	0
1997	3	118	6,705	828	422	9,195	904	546	18,599	0	8	0
1998	2	131	5,578	920	481	9,391	683	596	17,649	0	9	0
1999	2	118	5,465	1,057	506	9,593	641	614	17,876	0	6	0
2000	2	88	5,459	1,283	447	9,468	681	478	17,815	0	5	0
2001	2	96	5,750	1,304	431	9,617	633	547	18,282	0	3	0
2002	3	88	5,678	1,286	560	9,452	610	448	18,034	0	4	10
2003	4	78	6,583	1,056	473	9,474	683	543	18,812	0	6	11
2004	3	73	6,515	1,035	360	9,108	671	392	18,082	0	5	198
2005	3	81	6,177	825	433	9,216	727	568	17,946	0	7	299
2006	2	77	5,329	593	416	9,854	478	532	17,201	0	6	800
2007	2	88	5,780	335	417	9,730	411	197	16,870	0	4	1,033
2008	0	89	5,033	300	408	9,727	242	1,437	17,146	0	5	961
2009	0	93	5,590	694	402	9,446	547	351	17,030	0	5	1,110
2010	0	94	5,424	639	357	9,378	232	350	16,380	0	4	R 993
2011	0	100	5,024	751	396	8,837	179	333	15,521	0	7	R 911
2012	0	95	4,777	696	388	R 8,566	49	307	R 14,785	0	4	R 865
2013	0	86	5,053	693	455	8,660	37	323	15,221	0	4	890

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.^b Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."^c Liquefied petroleum gases, includes ethane and olefins.^d Motor gasoline as it is consumed; includes fuel ethanol blended into motor gasoline.^e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."^f Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be

separately identified.

^g Includes denaturant. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2013, Rhode Island
(Trillion Btu)

Year	Fossil Fuels										Fossil Fuels (as commingled)	
	Coal	Natural Gas excluding Supplemental Gaseous Fuels ^a	Petroleum							Total	Natural Gas including Supplemental Gaseous Fuels ^a	Motor Gasoline including Fuel Ethanol ^a
			Distillate Fuel Oil	Jet Fuel ^b	LPG ^c	Motor Gasoline excluding Fuel Ethanol ^a	Residual Fuel Oil	Other ^d	Total			
1960	16.8	12.3	47.2	0.2	0.8	31.4	61.8	12.2	153.6	182.6	12.3	31.4
1965	11.5	17.0	40.1	0.3	0.9	34.1	39.5	12.7	127.5	156.0	17.0	34.1
1970	0.2	25.6	50.3	0.8	1.4	42.1	61.2	11.5	167.1	193.0	25.6	42.1
1971	0.2	26.2	52.9	0.7	1.4	43.2	63.5	12.3	173.9	200.3	26.2	43.2
1972	0.2	23.0	54.2	1.0	1.6	45.2	61.3	10.3	173.5	196.6	23.0	45.2
1973	0.1	20.9	51.7	1.0	1.7	45.3	53.1	13.1	165.9	186.9	20.9	45.3
1974	1.0	24.1	48.3	0.9	1.5	45.8	40.1	11.3	148.0	173.0	24.1	45.8
1975	0.1	23.5	46.6	1.5	1.9	47.1	27.6	12.2	136.9	160.5	23.5	47.1
1976	0.1	21.0	50.3	1.4	2.0	46.3	28.2	12.3	140.5	161.6	21.0	46.3
1977	0.1	26.0	48.9	1.2	2.2	48.4	29.8	12.7	143.2	169.3	26.0	48.4
1978	0.1	23.3	45.9	1.5	1.9	47.8	23.1	12.0	132.2	155.7	23.3	47.8
1979	0.1	27.5	42.2	1.8	1.2	46.6	13.7	10.2	115.6	143.3	27.5	46.6
1980	0.2	27.9	29.3	2.0	1.1	44.2	15.9	10.4	102.8	130.9	28.2	44.2
1981	0.2	28.9	23.2	1.7	1.0	44.8	13.9	7.9	92.5	121.5	29.8	44.8
1982	0.2	28.1	23.1	1.6	1.2	44.2	10.4	9.6	90.1	118.5	28.9	44.2
1983	0.2	29.4	27.4	1.9	1.2	43.6	9.2	9.3	92.6	122.3	30.1	43.6
1984	0.2	32.5	31.7	3.2	1.2	45.0	10.6	10.6	102.3	135.1	32.6	45.0
1985	0.2	30.7	28.8	2.8	1.9	45.5	14.0	21.5	114.5	145.4	30.9	45.5
1986	0.7	26.9	33.6	2.2	2.2	47.0	23.7	12.0	120.7	148.3	27.1	47.0
1987	0.1	36.8	39.3	3.0	2.5	48.0	14.6	13.8	121.2	158.1	36.9	48.0
1988	4.4	31.2	38.7	3.6	2.1	48.7	19.1	13.5	125.8	161.4	31.6	48.7
1989	0.7	34.6	37.1	4.1	1.9	46.6	10.6	12.3	112.7	148.0	34.9	46.6
1990	0.1	40.4	30.8	4.4	1.9	46.0	9.0	12.5	104.5	145.1	40.5	46.0
1991	0.1	78.0	33.4	3.7	1.8	45.6	6.9	4.3	95.7	173.8	78.1	45.6
1992	0.1	117.8	34.9	3.1	1.7	46.0	7.5	11.2	104.5	222.4	117.9	46.0
1993	0.1	76.5	33.5	3.0	1.9	R 46.5	8.2	6.6	R 99.6	R 176.2	76.6	R 46.5
1994	0.1	112.1	37.7	3.0	1.9	45.1	7.3	9.5	104.6	216.7	112.1	45.1
1995	0.1	103.5	34.0	2.8	1.7	46.6	5.9	7.9	98.9	202.5	103.5	46.6
1996	0.1	127.1	35.0	3.1	2.0	47.0	6.2	3.6	96.8	R 224.0	127.2	47.0
1997	0.1	120.5	R 39.0	4.7	1.6	R 48.0	5.7	3.4	102.4	R 222.9	120.5	R 48.0
1998	0.1	134.0	32.5	5.2	1.8	R 49.0	4.3	3.7	96.5	230.6	134.0	R 49.0
1999	(s)	120.7	31.8	6.0	1.9	50.0	4.0	3.8	97.5	218.3	120.7	50.0
2000	0.1	91.8	31.8	7.3	1.7	R 49.4	4.3	2.9	97.3	189.1	91.8	R 49.4
2001	0.1	98.6	33.5	7.4	1.6	50.1	4.0	3.3	99.9	198.5	98.6	50.1
2002	0.1	89.8	R 33.0	7.3	2.1	49.2	3.8	2.7	98.2	188.1	89.8	R 49.3
2003	0.1	80.3	38.3	6.0	1.8	49.3	4.3	3.4	103.1	R 183.5	80.3	49.3
2004	0.1	74.4	R 37.9	5.9	1.4	R 46.7	4.2	2.4	R 98.5	R 172.9	74.4	R 47.4
2005	0.1	82.5	R 35.9	4.7	1.6	R 46.9	4.6	3.6	R 97.3	R 179.8	82.5	R 47.9
2006	(s)	78.5	R 30.9	3.4	1.5	R 48.4	3.0	3.3	R 90.5	R 169.1	78.5	R 51.2
2007	(s)	90.3	R 33.4	1.9	1.6	R 46.6	2.6	1.1	R 87.2	R 177.5	90.3	R 50.2
2008	0.0	91.2	R 29.1	1.7	1.5	R 46.5	1.5	9.4	R 89.8	R 181.0	91.2	R 49.9
2009	0.0	94.9	R 32.3	3.9	1.5	R 44.3	3.4	2.2	R 87.7	R 182.6	94.9	R 48.2
2010	0.0	95.7	R 31.3	3.6	1.3	R 44.2	1.5	2.2	R 84.2	R 179.9	95.7	R 47.6
2011	0.0	102.5	R 29.0	4.3	1.5	R 41.6	1.1	2.1	R 79.6	R 182.1	102.5	R 44.8
2012	0.0	98.4	R 27.6	3.9	1.5	R 40.4	0.3	2.0	R 75.6	R 174.1	98.4	R 43.4
2013	0.0	88.6	29.2	3.9	1.7	40.7	0.2	2.0	77.8	166.4	88.6	43.8

^a Supplemental gaseous fuels (SGF) and fuel ethanol are consumed with natural gas and motor gasoline, respectively. In this table, natural gas excluding SGF and motor gasoline excluding fuel ethanol are presented so that a fossil fuel total can be calculated. Natural gas including SGF and motor gasoline including fuel ethanol are presented separately for reference.

^b Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

^c Liquefied petroleum gases, includes ethane and olefins.

^d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2013, Rhode Island (Continued)
(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy										Net Interstate Flow of Electricity ^j	Net Electricity Imports ^k	Total
		Hydro- electric Power ^e	Biomass				Geo- thermal	Solar/PV ⁱ	Wind	Total				
			Wood and Waste ^f	Fuel Ethanol ^g	Losses and Co- products ^h	Total								
1960	0.0	0.1	2.9	NA	NA	2.9	0.0	NA	NA	3.0	1.5	0.0	187.1	
1965	0.0	(s)	3.5	NA	NA	3.5	0.0	NA	NA	3.6	14.0	0.0	173.5	
1970	0.0	(s)	5.2	NA	NA	5.2	0.0	NA	NA	5.3	24.3	0.0	222.5	
1971	0.0	(s)	4.8	NA	NA	4.8	0.0	NA	NA	4.9	30.3	0.0	235.5	
1972	0.0	0.1	4.9	NA	NA	4.9	0.0	NA	NA	4.9	35.2	0.0	236.8	
1973	0.0	(s)	5.1	NA	NA	5.1	0.0	NA	NA	5.1	39.9	0.0	232.0	
1974	0.0	(s)	5.0	NA	NA	5.0	0.0	NA	NA	5.0	37.6	0.0	215.6	
1975	0.0	(s)	4.0	NA	NA	4.0	0.0	NA	NA	4.1	41.7	0.0	206.3	
1976	0.0	(s)	4.7	NA	NA	4.7	0.0	NA	NA	4.7	49.3	0.0	215.5	
1977	0.0	(s)	5.3	NA	NA	5.3	0.0	NA	NA	5.3	48.6	0.0	223.2	
1978	0.0	(s)	6.5	NA	NA	6.5	0.0	NA	NA	6.6	50.4	0.0	212.7	
1979	0.0	(s)	7.1	NA	NA	7.1	0.0	NA	NA	7.1	50.9	0.0	201.4	
1980	0.0	(s)	7.3	NA	NA	7.3	0.0	NA	NA	7.3	47.4	0.0	185.6	
1981	0.0	(s)	6.6	(s)	0.0	6.6	0.0	NA	NA	6.6	47.0	0.0	175.2	
1982	0.0	(s)	6.0	(s)	0.0	6.0	0.0	NA	NA	6.1	50.4	0.0	174.9	
1983	0.0	(s)	7.4	0.0	0.0	7.4	0.0	NA	0.0	7.4	51.3	0.0	181.0	
1984	0.0	(s)	4.9	0.0	0.0	4.9	0.0	0.0	0.0	4.9	52.2	0.0	192.2	
1985	0.0	0.0	5.1	0.0	0.0	5.1	0.0	0.0	0.0	5.1	52.4	1.4	204.3	
1986	0.0	0.0	4.7	0.0	0.0	4.7	0.0	0.0	0.0	4.7	53.3	(s)	206.2	
1987	0.0	0.0	3.3	0.0	0.0	3.3	0.0	0.0	0.0	3.3	54.4	(s)	215.9	
1988	0.0	0.0	3.5	0.0	0.0	3.5	0.0	0.0	0.0	3.5	56.1	2.3	223.3	
1989	0.0	0.1	3.7	0.0	0.0	3.7	0.0	(s)	0.0	3.8	64.7	0.3	216.9	
1990	0.0	0.1	4.4	0.0	0.0	4.4	0.0	(s)	0.0	4.5	63.0	0.1	212.7	
1991	0.0	0.1	4.4	0.0	0.0	4.4	0.0	(s)	0.0	4.6	38.0	1.8	218.2	
1992	0.0	0.1	4.7	0.0	0.0	4.7	0.0	(s)	0.0	4.8	14.3	3.1	244.6	
1993	0.0	0.1	5.0	0.0	0.0	5.0	0.0	(s)	0.0	5.2	16.8	3.7	R 201.9	
1994	0.0	0.1	4.9	0.0	0.0	4.9	0.0	(s)	0.0	5.1	13.2	4.0	R 239.0	
1995	0.0	0.1	4.9	0.0	0.0	4.9	0.0	(s)	0.0	5.1	16.0	4.4	227.9	
1996	0.0	0.1	5.4	0.0	0.0	5.4	0.0	(s)	0.0	5.6	-15.5	4.5	218.6	
1997	0.0	0.1	4.2	0.0	0.0	4.2	0.0	(s)	0.0	4.3	-16.8	5.8	216.3	
1998	0.0	0.1	4.1	0.0	0.0	4.1	0.0	(s)	0.0	4.2	-15.6	6.0	225.2	
1999	0.0	0.1	4.3	0.0	0.0	4.3	(s)	(s)	0.0	4.4	-4.8	6.6	224.5	
2000	0.0	(s)	4.4	0.0	0.0	4.4	(s)	(s)	0.0	4.5	3.5	5.4	202.6	
2001	0.0	(s)	3.8	0.0	0.0	3.8	(s)	(s)	0.0	3.9	-3.1	2.6	201.9	
2002	0.0	(s)	3.6	(s)	0.0	3.7	(s)	(s)	0.0	3.7	8.0	1.1	200.9	
2003	0.0	0.1	3.7	(s)	0.0	3.7	(s)	(s)	0.0	3.8	28.4	0.4	R 216.1	
2004	0.0	0.1	3.8	0.7	0.0	4.4	(s)	(s)	0.0	4.5	35.5	1.0	R 214.0	
2005	0.0	0.1	0.8	1.0	0.0	1.8	(s)	(s)	0.0	1.9	24.5	1.2	R 207.4	
2006	0.0	0.1	2.5	2.8	0.0	5.3	(s)	(s)	0.0	5.4	22.9	1.1	R 198.5	
2007	0.0	(s)	2.7	3.6	0.0	6.3	(s)	(s)	0.0	6.3	13.2	1.4	R 198.4	
2008	0.0	(s)	2.8	3.3	0.0	6.2	(s)	(s)	0.0	6.3	5.2	2.1	R 194.5	
2009	0.0	(s)	3.4	3.8	0.0	7.3	(s)	0.1	0.0	7.4	-1.6	2.5	R 190.9	
2010	0.0	(s)	3.2	R 3.4	0.0	R 6.7	(s)	0.1	(s)	R 6.8	2.2	1.6	R 190.4	
2011	0.0	0.1	R 3.1	R 3.2	0.0	R 6.3	0.1	0.1	(s)	R 6.6	-8.3	2.1	R 182.5	
2012	0.0	(s)	2.6	R 3.0	0.0	R 5.6	0.1	0.1	(s)	R 5.8	(s)	0.0	R 179.9	
2013	0.0	(s)	2.4	3.1	0.0	5.5	0.1	0.1	(s)	5.7	21.5	0.0	193.6	

^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^f Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^g Excludes denaturant. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

^h Losses and co-products from the production of fuel ethanol.

ⁱ Solar thermal and photovoltaic energy.

^j Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state

during the year. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

^k Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2013, Rhode Island

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum							Hydro- electric Power ^{f,g} Million Kilowatt- hours	Biomass		Geo- thermal ^g	Solar Thermal/ Photo- voltaic ^g	Retail Electricity Sales	Net Energy ^{g,j}	Electrical System Energy Losses ^k	Total ^{g,j}
			Distillate Fuel Oil	Jet Fuel ^b	LPG ^c	Motor Gasoline ^d	Residual Fuel Oil	Other ^e	Total		Wood and Waste ^{g,h}	Losses and Co- products ⁱ			Million Kilowatt- hours			
Thousand Barrels																		
1960	25	11	8,093	38	207	5,975	9,114	2,016	25,443	1	--	--	--	--	1,911	--	--	--
1965	17	16	6,863	49	223	6,492	5,406	2,081	21,114	(s)	--	--	--	--	2,691	--	--	--
1970	10	23	8,575	137	375	8,009	6,736	1,868	25,700	0	--	--	--	--	3,927	--	--	--
1975	7	23	7,977	271	498	8,972	2,847	1,944	22,508	0	--	--	--	--	4,451	--	--	--
1980	7	26	5,004	348	293	8,416	891	1,671	16,625	0	--	--	--	--	5,131	--	--	--
1985	9	27	4,920	498	501	8,665	1,525	3,275	19,383	0	--	--	--	--	5,430	--	--	--
1990	5	30	5,267	776	501	8,765	1,084	1,923	18,316	0	--	--	--	--	6,419	--	--	--
1995	3	65	5,815	500	461	8,927	873	1,220	17,795	0	--	--	--	--	6,636	--	--	--
2000	2	40	5,420	1,283	447	9,468	681	478	17,776	0	--	--	--	--	7,301	--	--	--
2001	2	37	5,707	1,304	431	9,617	633	547	18,239	0	--	--	--	--	7,393	--	--	--
2002	3	34	5,647	1,286	560	9,452	610	448	18,003	0	--	--	--	--	7,561	--	--	--
2003	4	36	6,554	1,056	473	9,474	683	543	18,783	0	--	--	--	--	7,797	--	--	--
2004	3	37	6,493	1,035	360	9,108	671	392	18,059	0	--	--	--	--	7,888	--	--	--
2005	3	37	6,150	825	433	9,216	727	568	17,919	0	--	--	--	--	8,049	--	--	--
2006	2	34	5,304	593	416	9,854	478	532	17,176	0	--	--	--	--	7,799	--	--	--
2007	2	37	5,744	335	417	9,730	411	197	16,835	0	--	--	--	--	8,013	--	--	--
2008	0	36	4,995	300	408	9,727	242	1,437	17,108	0	--	--	--	--	7,819	--	--	--
2009	0	37	5,567	694	402	9,446	547	351	17,007	0	--	--	--	--	7,618	--	--	--
2010	0	37	5,402	639	357	9,378	232	350	16,357	0	--	--	--	--	7,799	--	--	--
2011	0	36	5,002	751	396	8,837	179	333	15,498	0	--	--	--	--	7,732	--	--	--
2012	0	35	4,748	696	388	8,566	49	307	14,755	0	--	--	--	--	7,708	--	--	--
2013	0	39	4,992	693	455	8,660	37	323	15,160	0	--	--	--	--	7,781	--	--	--

Trillion Btu

1960	0.6	11.9	47.1	0.2	0.8	31.4	57.3	12.2	149.1	(s)	2.9	NA	NA	NA	6.5	171.0	16.1	187.1
1965	0.4	16.5	40.0	0.3	0.9	34.1	34.0	12.7	121.9	(s)	3.5	NA	NA	NA	9.2	151.6	21.9	173.5
1970	0.2	23.3	49.9	0.8	1.4	42.1	42.4	11.5	148.0	0.0	5.2	NA	NA	NA	13.4	190.1	32.4	222.5
1975	0.1	23.4	46.5	1.5	1.9	47.1	17.9	12.2	127.0	0.0	4.0	NA	NA	NA	15.2	169.8	36.4	206.3
1980	0.2	26.5	29.1	2.0	1.1	44.2	5.6	10.4	92.4	0.0	7.3	NA	NA	NA	17.5	143.6	42.1	185.6
1985	0.2	28.2	28.7	2.8	1.9	45.5	9.6	21.5	109.9	0.0	5.1	0.0	NA	NA	18.5	161.9	42.4	204.3
1990	0.1	31.1	30.7	4.4	1.9	46.0	6.8	12.5	102.3	0.0	3.4	0.0	0.0	(s)	21.9	158.8	53.9	212.7
1995	0.1	66.9	R 33.8	2.8	1.7	46.6	5.5	7.9	98.4	0.0	3.9	0.0	0.0	(s)	22.6	192.0	36.0	227.9
2000	0.1	41.9	R 31.5	7.3	1.7	R 49.4	4.3	2.9	97.1	0.0	3.0	0.0	(s)	(s)	24.9	167.0	35.6	202.6
2001	0.1	38.3	33.2	7.4	1.6	50.1	4.0	3.3	99.7	0.0	2.5	0.0	(s)	(s)	25.2	165.7	36.2	201.9
2002	0.1	34.9	32.9	7.3	2.1	R 49.3	3.8	2.7	98.1	0.0	2.4	0.0	(s)	(s)	25.8	161.2	39.7	200.9
2003	0.1	37.4	R 38.1	6.0	1.8	49.3	4.3	3.4	R 102.9	0.0	2.5	0.0	(s)	(s)	26.6	R 169.5	46.6	R 216.1
2004	0.1	37.6	37.8	5.9	1.4	R 47.4	4.2	2.4	R 99.0	0.0	2.5	0.0	(s)	(s)	26.9	R 166.2	47.8	R 214.0
2005	0.1	37.6	35.8	4.7	1.6	R 47.9	4.6	3.6	R 98.1	0.0	0.8	0.0	(s)	(s)	27.5	R 164.1	43.3	R 207.4
2006	(s)	34.8	R 30.8	3.4	1.5	R 51.2	3.0	3.3	R 93.2	0.0	0.7	0.0	(s)	(s)	26.6	R 155.3	43.2	R 198.5
2007	(s)	37.5	R 33.2	1.9	1.6	R 50.2	2.6	1.1	R 90.6	0.0	0.7	0.0	(s)	(s)	27.3	R 156.3	42.1	R 198.4
2008	0.0	37.2	R 28.9	1.7	1.5	R 49.9	1.5	9.4	R 92.9	0.0	0.8	0.0	(s)	(s)	26.7	R 157.6	36.9	R 194.5
2009	0.0	38.3	R 32.2	3.9	1.5	R 48.2	3.4	2.2	R 91.5	0.0	1.6	0.0	(s)	0.1	26.0	R 157.4	33.5	R 190.9
2010	0.0	37.8	R 31.2	3.6	1.3	R 47.6	1.5	2.2	R 87.5	0.0	1.5	0.0	(s)	0.1	26.6	R 153.5	37.0	R 190.4
2011	0.0	37.1	R 28.9	4.3	1.5	R 44.8	1.1	2.1	R 82.7	0.0	1.5	0.0	0.1	0.1	26.4	R 147.9	34.5	R 182.5
2012	0.0	36.0	R 27.4	3.9	1.5	R 43.4	0.3	2.0	R 78.5	0.0	1.4	0.0	0.1	0.1	26.3	R 142.3	37.6	R 179.9
2013	0.0	40.7	28.8	3.9	1.7	43.8	0.2	2.0	80.6	0.0	1.9	0.0	0.1	0.1	26.5	149.9	43.7	193.6

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

^c Liquefied petroleum gases, includes ethane and olefins.

^d Beginning in 1993, includes fuel ethanol blended into motor gasoline.

^e Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

^f Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^g There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^h Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

ⁱ Losses and co-products from the production of fuel ethanol.

^j Beginning in 2009, includes wind energy consumed by the commercial and industrial sectors. From 1981 through 1992, includes fuel ethanol

blended into motor gasoline that is not included in the motor gasoline column. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

^k Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Total end-use consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. • Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. • See the Technical Notes for each type of energy.

Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2013, Rhode Island

Year	Coal ^a	Natural Gas ^b	Petroleum				Biomass	Geothermal ^e	Solar/PV ^{e,f}	Retail Electricity Sales	Net Energy ^{e,g}	Electrical System Energy Losses ^h	Total ^{e,g}
	Thousand Short Tons	Billion Cubic Feet	Distillate Fuel Oil	Kerosene	LPG ^c	Total	Wood ^d			Million Kilowatthours			
			Thousand Barrels				Thousand Cords						
1960	12	7	5,507	770	117	6,394	52	--	--	620	--	--	--
1965	7	9	4,828	534	105	5,467	46	--	--	871	--	--	--
1970	4	12	5,835	335	124	6,294	58	--	--	1,390	--	--	--
1975	1	13	5,395	87	116	5,598	64	--	--	1,684	--	--	--
1980	1	14	3,297	54	90	3,441	355	--	--	1,840	--	--	--
1985	1	15	3,818	131	219	4,167	248	--	--	1,971	--	--	--
1990	1	18	3,035	38	217	3,290	152	--	--	2,376	--	--	--
1995	(s)	17	3,466	27	222	3,714	164	--	--	2,472	--	--	--
1996	(s)	19	3,479	30	278	3,788	171	--	--	2,481	--	--	--
1997	(s)	18	3,607	34	250	3,891	122	--	--	2,486	--	--	--
1998	(s)	16	3,265	41	292	3,598	108	--	--	2,522	--	--	--
1999	(s)	17	3,161	49	205	3,415	111	--	--	2,667	--	--	--
2000	(s)	19	3,262	65	218	3,544	120	--	--	2,664	--	--	--
2001	(s)	18	3,562	69	191	3,822	96	--	--	2,699	--	--	--
2002	(s)	18	3,355	34	234	3,623	98	--	--	2,829	--	--	--
2003	1	20	3,818	46	227	4,091	103	--	--	2,998	--	--	--
2004	(s)	19	3,892	50	172	4,115	105	--	--	3,000	--	--	--
2005	(s)	19	3,733	59	182	3,974	30	--	--	3,171	--	--	--
2006	(s)	17	2,870	40	179	3,088	27	--	--	3,008	--	--	--
2007	(s)	18	2,963	16	209	3,188	30	--	--	3,132	--	--	--
2008	0	18	2,848	11	225	3,083	33	--	--	3,043	--	--	--
2009	0	18	3,045	24	220	3,289	70	--	--	2,937	--	--	--
2010	0	17	2,930	18	189	3,137	61	--	--	3,118	--	--	--
2011	0	17	2,698	13	215	2,927	62	--	--	3,129	--	--	--
2012	0	16	2,659	6	191	2,855	58	--	--	3,121	--	--	--
2013	0	18	2,816	7	212	3,035	81	--	--	3,165	--	--	--
Trillion Btu													
1960	0.3	6.9	32.1	4.4	0.4	36.9	1.0	NA	NA	2.1	47.3	5.2	52.5
1965	0.2	9.3	28.1	3.0	0.4	31.6	0.9	NA	NA	3.0	45.0	7.1	52.1
1970	0.1	12.2	34.0	1.9	0.5	36.4	1.2	NA	NA	4.7	54.6	11.5	66.0
1975	(s)	13.2	31.4	0.5	0.4	32.4	1.3	NA	NA	5.7	52.6	13.8	66.4
1980	(s)	14.3	19.2	0.3	0.3	19.9	7.1	NA	NA	6.3	47.4	15.1	62.4
1985	(s)	15.5	22.2	0.7	0.8	23.8	5.0	NA	NA	6.7	50.9	15.4	66.4
1990	(s)	18.2	17.7	0.2	0.8	18.7	3.0	0.0	(s)	8.1	48.1	20.0	68.1
1995	(s)	17.8	20.2	0.2	0.9	21.2	3.3	0.0	(s)	8.4	50.8	13.4	64.2
1996	(s)	20.7	20.3	0.2	1.1	21.5	3.4	0.0	(s)	8.5	54.1	12.2	66.3
1997	(s)	18.8	21.0	0.2	1.0	R 22.1	2.4	0.0	(s)	8.5	51.9	11.2	63.1
1998	(s)	16.9	19.0	0.2	1.1	20.4	2.2	0.0	(s)	8.6	48.1	11.0	59.1
1999	(s)	17.1	18.4	0.3	0.8	19.5	2.2	(s)	(s)	9.1	R 47.9	13.0	R 60.9
2000	(s)	19.5	19.0	0.4	0.8	20.2	2.4	(s)	(s)	9.1	R 51.2	13.0	R 64.2
2001	(s)	18.5	R 20.7	0.4	0.7	21.9	1.9	(s)	(s)	9.2	51.5	13.2	64.7
2002	(s)	18.1	19.5	0.2	0.9	20.6	2.0	(s)	(s)	9.7	R 50.3	14.9	65.2
2003	(s)	20.7	22.2	0.3	0.9	R 23.3	2.1	(s)	(s)	10.2	56.4	17.9	74.3
2004	(s)	20.0	R 22.6	0.3	0.7	23.6	2.1	(s)	(s)	10.2	56.0	18.2	R 74.1
2005	(s)	19.5	21.7	0.3	0.7	22.8	0.6	(s)	(s)	10.8	53.7	17.1	70.8
2006	(s)	17.2	16.7	0.2	0.7	17.6	0.5	(s)	(s)	10.3	45.6	16.6	R 62.2
2007	(s)	18.1	R 17.1	0.1	0.8	R 18.0	0.6	(s)	(s)	10.7	R 47.5	16.5	R 64.0
2008	0.0	18.1	R 16.5	0.1	0.9	R 17.4	0.7	(s)	(s)	10.4	R 46.6	14.4	R 61.0
2009	0.0	18.3	R 17.6	0.1	0.8	R 18.6	1.4	(s)	0.1	10.0	R 48.4	12.9	R 61.3
2010	0.0	17.3	R 16.9	0.1	0.7	R 17.8	1.2	(s)	0.1	10.6	R 47.0	14.8	R 61.8
2011	0.0	17.3	R 15.6	0.1	0.8	R 16.5	1.2	0.1	0.1	10.7	R 45.9	14.0	R 59.9
2012	0.0	16.4	R 15.4	(s)	0.7	R 16.1	1.2	0.1	0.1	10.7	R 44.5	15.2	R 59.7
2013	0.0	18.8	16.3	(s)	0.8	17.1	1.6	0.1	0.1	10.8	48.5	17.8	66.2

^a Beginning in 2008, data are no longer collected and are assumed to be zero.^b Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.^c Liquefied petroleum gases, includes ethane and olefins.^d Wood and wood-derived fuels.^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.^f Solar thermal and photovoltaic energy. Includes distributed solar thermal and photovoltaic energy used in the commercial and industrial sectors.^g Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.^h Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2013, Rhode Island

Year	Coal	Natural Gas ^a	Petroleum						Hydro-electric Power ^{e,f}	Biomass	Geothermal ^f	Retail Electricity Sales	Net Energy ^{f,h}	Electrical System Energy Losses ⁱ	Total ^{f,h}
			Distillate Fuel Oil	Kerosene	LPG ^b	Motor Gasoline ^c	Residual Fuel Oil	Total ^d							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million Kilowatthours	Wood and Waste ^{f,g}		Million Kilowatthours			
1960	8	2	1,381	17	58	26	1,237	2,720	NA	--	--	376	--	--	--
1965	6	3	1,211	12	52	32	634	1,942	NA	--	--	546	--	--	--
1970	3	5	1,464	7	62	36	971	2,540	NA	--	--	1,285	--	--	--
1975	3	4	1,353	2	58	41	602	2,056	NA	--	--	1,576	--	--	--
1980	2	7	617	0	45	49	180	891	NA	--	--	1,892	--	--	--
1985	4	8	493	4	109	32	552	1,190	NA	--	--	2,159	--	--	--
1990	4	8	799	2	108	39	597	1,545	0	--	--	2,688	--	--	--
1995	3	12	741	30	111	10	499	1,391	0	--	--	2,790	--	--	--
1996	3	12	808	2	139	10	667	1,626	0	--	--	2,773	--	--	--
1997	3	12	742	55	125	11	608	1,541	0	--	--	2,872	--	--	--
1998	2	11	620	67	146	10	388	1,231	0	--	--	2,908	--	--	--
1999	1	12	509	40	102	10	371	1,032	0	--	--	3,324	--	--	--
2000	2	13	629	19	109	10	419	1,185	0	--	--	3,243	--	--	--
2001	2	13	630	98	95	43	429	1,296	0	--	--	3,308	--	--	--
2002	3	11	662	55	117	59	360	1,254	0	--	--	3,401	--	--	--
2003	3	11	1,010	5	133	59	373	1,580	0	--	--	3,490	--	--	--
2004	3	11	859	7	105	12	395	1,378	0	--	--	3,542	--	--	--
2005	3	11	686	9	105	12	437	1,249	0	--	--	3,628	--	--	--
2006	2	10	609	10	75	10	256	961	0	--	--	3,599	--	--	--
2007	1	11	688	1	89	10	234	1,021	0	--	--	3,710	--	--	--
2008	0	11	577	1	92	10	162	843	0	--	--	3,700	--	--	--
2009	0	11	853	(s)	90	10	150	1,104	0	--	--	3,691	--	--	--
2010	0	10	692	(s)	84	10	63	850	0	--	--	3,693	--	--	--
2011	0	11	528	1	100	10	44	683	0	--	--	3,660	--	--	--
2012	0	10	470	(s)	84	10	25	588	0	--	--	3,640	--	--	--
2013	0	12	545	(s)	103	10	25	683	0	--	--	3,667	--	--	--

Trillion Btu															
1960	0.2	1.8	8.0	0.1	0.2	0.1	7.8	16.3	NA	(s)	NA	1.3	19.5	3.2	22.7
1965	0.1	2.7	7.1	0.1	0.2	0.2	4.0	11.5	NA	(s)	NA	1.9	16.2	4.4	20.6
1970	0.1	5.2	8.5	(s)	0.2	0.2	6.1	15.1	NA	(s)	NA	4.4	24.8	10.6	35.4
1975	0.1	4.3	7.9	(s)	0.2	0.2	3.8	12.1	NA	(s)	NA	5.4	21.9	12.9	34.8
1980	0.1	6.9	3.6	0.0	0.2	0.3	1.1	5.2	NA	0.2	NA	6.5	18.7	15.5	34.2
1985	0.1	7.8	2.9	(s)	0.4	0.2	3.5	7.0	NA	0.1	NA	7.4	22.3	16.9	39.2
1990	0.1	8.3	4.7	(s)	0.4	0.2	3.8	9.0	0.0	0.3	0.0	9.2	26.9	22.6	49.5
1995	0.1	12.4	4.3	0.2	0.4	0.1	3.1	8.1	0.0	0.5	0.0	9.5	30.5	15.1	45.7
1996	0.1	13.5	4.7	(s)	0.5	0.1	4.2	9.5	0.0	0.5	0.0	9.5	33.0	13.6	46.6
1997	0.1	12.7	4.3	0.3	0.5	0.1	3.8	9.0	0.0	0.4	0.0	9.8	32.0	12.9	44.9
1998	0.1	11.8	3.6	0.4	0.6	0.1	2.4	7.0	0.0	0.4	0.0	9.9	29.2	12.7	41.9
1999	(s)	12.2	3.0	0.2	0.4	(s)	2.3	6.0	0.0	0.4	0.0	11.3	29.9	16.2	R 46.0
2000	(s)	13.6	3.7	0.1	0.4	0.1	2.6	6.9	0.0	0.4	0.0	11.1	32.0	15.8	47.8
2001	(s)	13.2	3.7	0.6	0.4	0.2	2.7	7.5	0.0	0.3	0.0	11.3	32.4	16.2	48.6
2002	0.1	11.8	3.9	0.3	0.4	0.3	2.3	7.2	0.0	0.3	0.0	11.6	31.0	17.9	48.9
2003	0.1	11.7	5.9	(s)	0.5	0.3	2.3	9.1	0.0	0.4	0.0	11.9	33.1	20.8	54.0
2004	0.1	11.6	5.0	(s)	0.4	0.1	2.5	8.0	0.0	0.4	0.0	12.1	32.1	21.5	R 53.5
2005	0.1	11.3	4.0	0.1	0.4	0.1	2.7	7.3	0.0	0.1	0.0	12.4	31.1	19.5	50.6
2006	(s)	10.1	3.5	0.1	0.3	0.1	1.6	R 5.5	0.0	0.1	0.0	12.3	28.1	19.9	48.0
2007	(s)	11.5	4.0	(s)	0.3	0.1	1.5	R 5.8	0.0	0.1	0.0	12.7	30.2	19.5	49.7
2008	0.0	11.1	R 3.3	(s)	0.4	0.1	1.0	4.8	0.0	0.1	0.0	12.6	R 28.6	17.5	46.1
2009	0.0	11.0	R 4.9	(s)	0.3	0.1	0.9	6.3	0.0	0.2	0.0	12.6	R 30.0	16.2	46.3
2010	0.0	10.7	R 4.0	(s)	0.3	0.1	0.4	4.8	0.0	0.2	0.0	12.6	R 28.3	17.5	45.8
2011	0.0	11.1	R 3.0	(s)	0.4	0.1	0.3	3.8	0.0	0.2	0.0	12.5	R 27.5	16.3	43.9
2012	0.0	10.4	2.7	(s)	0.3	R (s)	0.2	R 3.2	0.0	0.2	0.0	12.4	26.2	17.7	44.0
2013	0.0	12.0	3.1	(s)	0.4	0.1	0.2	3.8	0.0	0.2	0.0	12.5	28.5	20.6	49.0

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b Liquefied petroleum gases, includes ethane and olefins.

^c Beginning in 1993, includes fuel ethanol blended into motor gasoline.

^d Includes small amounts of petroleum coke not shown separately.

^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^h Distributed solar thermal and photovoltaic energy consumed in the commercial sector is included in residential consumption. From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2008, includes small amount of solar and wind energy consumed by commercial plants with capacity of 1 megawatt or greater. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which

are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

ⁱ Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2013, Rhode Island

Year	Coal	Natural Gas ^a	Petroleum						Hydro-electric Power ^{e,f}	Biomass		Geo-thermal ^f	Retail Electricity Sales	Net Energy ^{f,i}	Electrical System Energy Losses ^j	Total ^{f,i}
			Distillate Fuel Oil	LPG ^b	Motor Gasoline ^c	Residual Fuel Oil	Other ^d	Total		Wood and Waste ^{f,g}	Losses and Co-products ^h		Million kWh			
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million kWh							
1960	4	3	367	31	6	4,051	1,107	5,561	1	--	--	--	916	--	--	--
1965	4	4	431	61	5	2,135	1,403	4,036	(s)	--	--	--	1,274	--	--	--
1970	2	6	672	162	3	3,246	1,301	5,384	0	--	--	--	1,253	--	--	--
1975	2	6	440	297	3	1,916	1,514	4,170	0	--	--	--	1,191	--	--	--
1980	4	5	415	149	2	654	1,279	2,499	0	--	--	--	1,399	--	--	--
1985	4	5	275	150	26	973	3,047	4,472	0	--	--	--	1,300	--	--	--
1990	(s)	4	279	156	35	453	1,770	2,692	0	--	--	--	1,354	--	--	--
1995	0	35	280	119	54	372	1,072	1,898	0	--	--	--	1,374	--	--	--
1996	0	26	294	112	47	315	437	1,204	0	--	--	--	1,351	--	--	--
1997	0	24	342	38	51	295	375	1,102	0	--	--	--	1,386	--	--	--
1998	0	42	249	43	45	294	405	1,035	0	--	--	--	1,458	--	--	--
1999	0	35	235	197	24	266	440	1,161	0	--	--	--	1,158	--	--	--
2000	0	8	165	118	33	257	308	881	0	--	--	--	1,394	--	--	--
2001	0	6	120	144	82	204	299	848	0	--	--	--	1,386	--	--	--
2002	0	4	151	207	104	249	286	998	0	--	--	--	1,331	--	--	--
2003	0	4	243	104	104	310	423	1,184	0	--	--	--	1,309	--	--	--
2004	0	6	251	75	104	276	262	967	0	--	--	--	1,345	--	--	--
2005	0	6	204	140	105	291	426	1,166	0	--	--	--	1,250	--	--	--
2006	0	6	216	157	115	217	400	1,105	0	--	--	--	1,191	--	--	--
2007	0	7	164	117	154	175	97	706	0	--	--	--	1,171	--	--	--
2008	0	7	96	85	156	77	1,356	1,770	0	--	--	--	1,075	--	--	--
2009	0	8	162	85	148	229	268	892	0	--	--	--	990	--	--	--
2010	0	8	149	74	113	87	269	692	0	--	--	--	961	--	--	--
2011	0	7	124	75	110	94	260	663	0	--	--	--	916	--	--	--
2012	0	8	102	93	R 116	24	246	R 580	0	--	--	--	923	--	--	--
2013	0	8	86	104	121	5	260	577	0	--	--	--	923	--	--	--
Trillion Btu																
1960	0.1	3.0	2.1	0.1	(s)	25.5	7.1	34.8	(s)	1.8	NA	NA	3.1	42.8	7.7	50.5
1965	0.1	4.4	2.5	0.3	(s)	13.4	8.9	25.1	(s)	2.6	NA	NA	4.3	36.6	10.4	46.9
1970	(s)	5.9	3.9	0.6	(s)	20.4	8.3	33.2	0.0	4.0	NA	NA	4.3	47.5	10.3	57.8
1975	0.1	5.9	2.6	1.1	(s)	12.0	9.9	25.6	0.0	2.7	NA	NA	4.1	38.3	9.7	48.1
1980	0.1	5.2	2.4	0.5	(s)	4.1	8.3	15.4	0.0	0.0	NA	NA	4.8	25.4	11.5	36.8
1985	0.1	4.8	1.6	0.5	0.1	6.1	20.2	28.6	0.0	0.0	0.0	NA	4.4	37.8	10.2	48.0
1990	(s)	4.5	1.6	0.6	0.2	2.8	11.6	16.8	0.0	0.0	0.0	0.0	4.6	25.9	11.4	37.3
1995	0.0	36.0	1.6	0.4	0.3	2.3	7.1	11.7	0.0	0.2	0.0	0.0	4.7	52.6	7.4	60.1
1996	0.0	28.4	1.7	0.4	0.2	2.0	2.8	7.1	0.0	0.3	0.0	0.0	4.6	40.4	6.6	47.1
1997	0.0	25.4	2.0	0.1	0.3	1.9	2.4	6.7	0.0	0.3	0.0	0.0	4.7	37.0	6.2	43.2
1998	0.0	43.4	1.4	0.2	0.2	1.8	2.6	6.3	0.0	0.2	0.0	0.0	5.0	54.9	6.4	61.3
1999	0.0	35.6	1.4	0.7	0.1	1.7	2.8	6.7	0.0	0.3	0.0	0.0	4.0	46.4	5.6	52.1
2000	0.0	8.4	1.0	0.4	0.2	1.6	2.0	5.1	0.0	0.2	0.0	0.0	4.8	18.5	6.8	25.3
2001	0.0	6.3	0.7	0.5	0.4	1.3	1.9	4.8	0.0	0.2	0.0	0.0	4.7	16.1	6.8	22.9
2002	0.0	4.6	0.9	0.7	0.5	1.6	1.8	5.5	0.0	0.1	0.0	0.0	4.5	14.7	7.0	21.7
2003	0.0	4.6	1.4	0.4	0.5	2.0	2.7	7.0	0.0	0.1	0.0	0.0	4.5	16.1	7.8	23.9
2004	0.0	5.7	1.5	0.3	0.5	1.7	1.7	5.7	0.0	0.1	0.0	0.0	4.6	16.0	8.1	24.2
2005	0.0	6.0	1.2	0.5	0.5	1.8	2.7	R 6.8	0.0	0.1	0.0	0.0	4.3	17.2	6.7	23.9
2006	0.0	6.5	1.3	0.6	0.6	1.4	2.6	R 6.3	0.0	0.1	0.0	0.0	4.1	17.0	6.6	23.6
2007	0.0	6.9	R 0.9	0.4	0.8	1.1	0.6	3.8	0.0	0.1	0.0	0.0	4.0	R 14.7	6.2	20.9
2008	0.0	6.9	0.6	0.3	0.8	0.5	8.9	R 11.0	0.0	0.1	0.0	0.0	3.7	21.7	5.1	26.8
2009	0.0	7.9	0.9	0.3	0.8	1.4	1.7	R 5.1	0.0	0.1	0.0	0.0	3.4	16.5	4.4	20.9
2010	0.0	8.2	0.9	0.3	0.6	0.5	1.7	4.0	0.0	0.1	0.0	0.0	3.3	15.5	4.6	20.1
2011	0.0	7.6	0.7	0.3	0.6	0.6	1.7	3.8	0.0	0.1	0.0	0.0	3.1	R 14.7	4.1	R 18.8
2012	0.0	8.1	0.6	0.3	R 0.6	0.1	1.6	3.2	0.0	0.1	0.0	0.0	3.2	R 14.6	4.5	R 19.1
2013	0.0	8.4	0.5	0.4	0.6	(s)	1.6	3.2	0.0	0.1	0.0	0.0	3.1	14.8	5.2	20.0

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b Liquefied petroleum gases, includes ethane and olefins.

^c Beginning in 1993, includes fuel ethanol blended into motor gasoline.

^d Includes asphalt and road oil, kerosene, lubricants, and the 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

^e Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^h Losses and co-products from the production of fuel ethanol.

ⁱ Distributed solar thermal and photovoltaic energy consumed in the industrial sector is included in residential consumption. From 1981 through 1992, includes fuel ethanol blended into motor gasoline but not shown in the motor gasoline column. Beginning in 2008, includes small amount of solar and wind energy consumed by industrial

plants with capacity of 1 megawatt or greater. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

^j Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

kWh = Kilowatthours. -- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2013, Rhode Island

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum								Retail Electricity Sales	Net Energy ^{e,f}	Electrical System Energy Losses ^g	Total ^{e,f}
			Aviation Gasoline	Distillate Fuel Oil	Jet Fuel ^b	LPG ^c	Lubricants	Motor Gasoline ^d	Residual Fuel Oil	Total				
			Thousand Barrels								Million Kilowatthours			
1960	(s)	(s)	19	838	38	1	103	5,943	3,826	10,768	0	--	--	--
1965	(s)	(s)	63	393	49	4	69	6,455	2,637	9,669	0	--	--	--
1970	(s)	(s)	148	604	137	28	77	7,970	2,519	11,482	0	--	--	--
1975	(s)	(s)	285	788	271	27	57	8,929	329	10,685	0	--	--	--
1980	0	(s)	269	675	348	9	70	8,365	58	9,794	0	--	--	--
1985	0	(s)	30	334	498	22	64	8,606	0	9,554	0	--	--	--
1990	0	(s)	42	1,154	776	19	72	8,692	34	10,789	0	--	--	--
1995	0	1	22	1,328	500	8	68	8,864	2	10,792	0	--	--	--
1996	0	1	37	1,290	540	7	66	8,950	2	10,892	0	--	--	--
1997	0	1	11	1,941	828	9	70	9,133	1	11,993	0	--	--	--
1998	0	(s)	9	1,397	920	1	73	9,337	1	11,738	0	--	--	--
1999	0	(s)	11	1,517	1,057	3	74	9,559	3	12,224	0	--	--	--
2000	0	(s)	13	1,364	1,283	2	73	9,425	5	12,165	0	--	--	--
2001	0	(s)	14	1,395	1,304	1	67	9,491	0	12,273	0	--	--	--
2002	0	(s)	7	1,477	1,286	2	66	9,289	0	12,127	0	--	--	--
2003	0	(s)	7	1,483	1,056	9	61	9,312	0	11,928	0	--	--	--
2004	0	(s)	12	1,491	1,035	7	62	8,993	0	11,599	0	--	--	--
2005	0	1	12	1,527	825	6	62	9,100	0	11,531	0	--	--	--
2006	0	1	22	1,609	593	5	60	9,729	4	12,022	0	--	--	--
2007	0	1	22	1,930	335	3	62	9,565	2	11,919	0	--	--	--
2008	0	1	11	1,474	300	7	57	9,561	3	11,412	0	--	--	--
2009	0	1	7	1,507	694	6	52	9,288	169	11,723	0	--	--	--
2010	0	2	5	1,631	639	9	57	9,255	81	11,678	27	--	--	--
2011	0	1	5	1,652	751	5	54	8,717	41	11,225	27	--	--	--
2012	0	1	5	1,518	696	20	50	R 8,441	1	R 10,732	24	--	--	--
2013	0	1	4	1,545	693	37	53	8,528	6	10,866	26	--	--	--

Trillion Btu														
1960	(s)	0.2	0.1	4.9	0.2	(s)	0.6	31.2	24.1	61.1	0.0	61.3	0.0	61.3
1965	(s)	0.1	0.3	2.3	0.3	(s)	0.4	33.9	16.6	53.8	0.0	53.9	0.0	53.9
1970	(s)	(s)	0.7	3.5	0.8	0.1	0.5	41.9	15.8	63.3	0.0	63.3	0.0	63.3
1975	(s)	(s)	1.4	4.6	1.5	0.1	0.3	46.9	2.1	57.0	0.0	57.0	0.0	57.0
1980	0.0	0.2	1.4	3.9	2.0	(s)	0.4	43.9	0.4	52.0	0.0	52.2	0.0	52.2
1985	0.0	0.1	0.2	1.9	2.8	0.1	0.4	45.2	0.0	50.6	0.0	50.7	0.0	50.7
1990	0.0	0.1	0.2	6.7	4.4	0.1	0.4	45.7	0.2	57.7	0.0	57.8	0.0	57.8
1995	0.0	0.6	0.1	7.7	2.8	(s)	0.4	46.2	(s)	57.4	0.0	58.0	0.0	58.0
1996	0.0	0.8	0.2	7.5	3.1	(s)	0.4	46.7	(s)	57.9	0.0	58.7	0.0	58.7
1997	0.0	0.9	0.1	11.3	4.7	(s)	0.4	47.6	(s)	64.1	0.0	65.0	0.0	65.0
1998	0.0	0.4	(s)	8.1	5.2	(s)	0.4	48.7	(s)	62.5	0.0	62.9	0.0	62.9
1999	0.0	0.3	0.1	8.8	6.0	(s)	0.4	49.8	(s)	65.2	0.0	65.5	0.0	65.5
2000	0.0	0.3	0.1	7.9	7.3	(s)	0.4	49.1	(s)	64.9	0.0	R 65.3	0.0	R 65.3
2001	0.0	0.3	0.1	8.1	7.4	(s)	0.4	R 49.5	0.0	65.5	0.0	65.8	0.0	65.8
2002	0.0	0.4	(s)	8.6	7.3	(s)	0.4	48.4	0.0	64.7	0.0	65.1	0.0	65.1
2003	0.0	0.4	(s)	8.6	6.0	(s)	0.4	R 48.4	0.0	R 63.5	0.0	R 63.9	0.0	R 63.9
2004	0.0	0.4	0.1	8.7	5.9	(s)	0.4	R 46.8	0.0	R 61.8	0.0	R 62.1	0.0	R 62.1
2005	0.0	0.8	0.1	8.9	4.7	(s)	0.4	R 47.3	0.0	R 61.3	0.0	R 62.2	0.0	R 62.2
2006	0.0	1.0	0.1	R 9.3	3.4	(s)	0.4	R 50.5	(s)	R 63.7	0.0	R 64.7	0.0	R 64.7
2007	0.0	1.0	0.1	11.2	1.9	(s)	0.4	R 49.3	(s)	R 62.9	0.0	R 63.9	0.0	R 63.9
2008	0.0	1.0	0.1	R 8.5	1.7	(s)	0.3	R 49.0	(s)	R 59.7	0.0	R 60.7	0.0	R 60.7
2009	0.0	1.0	(s)	R 8.7	3.9	(s)	0.3	R 47.4	1.1	R 61.5	0.0	R 62.5	0.0	R 62.5
2010	0.0	1.6	(s)	R 9.4	3.6	(s)	0.3	R 47.0	0.5	R 61.0	0.1	R 62.6	0.1	R 62.8
2011	0.0	1.1	(s)	R 9.5	4.3	(s)	0.3	R 44.2	0.3	R 58.6	0.1	R 59.8	0.1	R 59.9
2012	0.0	1.1	(s)	8.8	3.9	0.1	0.3	R 42.7	(s)	R 55.9	0.1	R 57.1	0.1	R 57.2
2013	0.0	1.5	(s)	8.9	3.9	0.1	0.3	43.2	(s)	56.5	0.1	58.1	0.1	58.3

^a Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as vehicle fuel.

^b Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Industrial sector, Other Petroleum."

^c Liquefied petroleum gases, includes ethane and olefins.

^d Beginning in 1993, motor gasoline includes fuel ethanol blended into the product.

^e There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.

^f From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

^g Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2013, Rhode Island

Year	Coal	Natural Gas ^a	Petroleum				Nuclear Electric Power	Hydroelectric Power ^d	Biomass	Geothermal ^f	Solar/PV ^{f,g}	Wind ^f	Net Electricity Imports ^h	Total ^{f,i}
			Distillate Fuel Oil ^b	Petroleum Coke	Residual Fuel Oil ^c	Total			Wood and Waste ^{e,f}					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours		Million Kilowatthours					
1960	574	(s)	13	0	714	727	0	8	--	0	NA	NA	0	--
1965	403	(s)	16	0	870	886	0	1	--	0	NA	NA	0	--
1970	0	2	56	0	2,990	3,047	0	3	--	0	NA	NA	0	--
1975	0	(s)	26	0	1,542	1,568	0	3	--	0	NA	NA	0	--
1980	0	2	28	0	1,634	1,662	0	1	--	0	NA	NA	0	--
1985	0	3	20	0	708	728	0	0	--	0	0	0	421	--
1990	0	9	19	0	340	358	0	10	--	0	0	0	37	--
1995	0	36	24	0	63	87	0	9	--	0	0	0	1,276	--
1996	0	62	137	0	0	137	0	10	--	0	0	0	1,325	--
1997	0	62	72	0	0	72	0	8	--	0	0	0	1,699	--
1998	0	60	47	0	0	47	0	9	--	0	0	0	1,759	--
1999	0	55	43	0	0	43	0	6	--	0	0	0	1,934	--
2000	0	48	39	0	0	39	0	5	--	0	0	0	1,585	--
2001	0	58	43	0	0	43	0	3	--	0	0	0	766	--
2002	0	54	31	0	0	31	0	4	--	0	0	0	326	--
2003	0	42	29	0	0	29	0	6	--	0	0	0	106	--
2004	0	36	22	0	0	22	0	5	--	0	0	0	302	--
2005	0	44	27	0	0	27	0	7	--	0	0	0	R 354	--
2006	0	43	25	0	0	25	0	6	--	0	0	0	320	--
2007	0	51	35	0	0	35	0	4	--	0	0	0	415	--
2008	0	53	38	0	0	38	0	5	--	0	0	0	602	--
2009	0	55	23	0	0	23	0	5	--	0	0	0	736	--
2010	0	57	23	0	0	23	0	4	--	0	0	3	457	--
2011	0	64	23	0	0	23	0	7	--	0	0	3	607	--
2012	0	61	29	0	0	29	0	4	--	0	0	1	0	--
2013	0	46	61	0	0	61	0	4	--	0	2	3	0	--
Trillion Btu														
1960	16.1	0.4	0.1	0.0	4.5	4.6	0.0	0.1	0.0	0.0	NA	NA	0.0	21.2
1965	11.1	0.5	0.1	0.0	5.5	5.6	0.0	(s)	0.0	0.0	NA	NA	0.0	17.1
1970	0.0	2.4	0.3	0.0	18.8	19.1	0.0	(s)	0.0	0.0	NA	NA	0.0	21.5
1975	0.0	(s)	0.2	0.0	9.7	9.8	0.0	(s)	0.0	0.0	NA	NA	0.0	9.9
1980	0.0	1.7	0.2	0.0	10.3	10.4	0.0	(s)	0.0	0.0	NA	NA	0.0	12.2
1985	0.0	2.6	0.1	0.0	4.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	1.4	8.6
1990	0.0	9.3	0.1	0.0	2.1	2.2	0.0	0.1	1.0	0.0	0.0	0.0	0.1	12.8
1995	0.0	36.6	0.1	0.0	0.4	0.5	0.0	0.1	1.0	0.0	0.0	0.0	4.4	42.6
1996	0.0	63.8	0.8	0.0	0.0	0.8	0.0	0.1	1.2	0.0	0.0	0.0	4.5	70.4
1997	0.0	62.7	0.4	0.0	0.0	0.4	0.0	0.1	1.1	0.0	0.0	0.0	5.8	70.2
1998	0.0	61.5	0.3	0.0	0.0	0.3	0.0	0.1	1.3	0.0	0.0	0.0	6.0	69.2
1999	0.0	55.6	0.3	0.0	0.0	0.3	0.0	0.1	1.5	0.0	0.0	0.0	6.6	64.0
2000	0.0	49.9	0.2	0.0	0.0	0.2	0.0	(s)	1.4	0.0	0.0	0.0	5.4	57.0
2001	0.0	60.3	0.2	0.0	0.0	0.2	0.0	(s)	1.3	0.0	0.0	0.0	2.6	64.5
2002	0.0	55.0	0.2	0.0	0.0	0.2	0.0	(s)	1.3	0.0	0.0	0.0	1.1	57.5
2003	0.0	42.9	0.2	0.0	0.0	0.2	0.0	0.1	1.2	0.0	0.0	0.0	0.4	44.7
2004	0.0	36.7	0.1	0.0	0.0	0.1	0.0	0.1	1.2	0.0	0.0	0.0	1.0	39.2
2005	0.0	44.8	0.2	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	1.2	46.3
2006	0.0	43.8	0.1	0.0	0.0	0.1	0.0	0.1	1.8	0.0	0.0	0.0	1.1	46.9
2007	0.0	52.7	0.2	0.0	0.0	0.2	0.0	(s)	1.9	0.0	0.0	0.0	1.4	56.3
2008	0.0	54.1	0.2	0.0	0.0	0.2	0.0	(s)	2.0	0.0	0.0	0.0	2.1	58.4
2009	0.0	56.6	0.1	0.0	0.0	0.1	0.0	(s)	1.8	0.0	0.0	0.0	2.5	61.1
2010	0.0	57.9	0.1	0.0	0.0	0.1	0.0	(s)	1.8	0.0	0.0	(s)	1.6	61.4
2011	0.0	65.3	0.1	0.0	0.0	0.1	0.0	0.1	1.6	0.0	0.0	(s)	2.1	69.2
2012	0.0	62.5	0.2	0.0	0.0	0.2	0.0	(s)	1.2	0.0	0.0	(s)	0.0	63.9
2013	0.0	47.9	0.4	0.0	0.0	0.4	0.0	(s)	0.5	0.0	(s)	(s)	0.0	48.8

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.

^c Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.

^d Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^e Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^g Solar thermal and photovoltaic energy.

^h Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

ⁱ Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both

natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.